

# Lucerna BoundGravel - TSDS (Technical & Safety Data Sheet)

Product Name: Lucerna BoundGravel

Company: Lucerna Co., Ltd.

Tel: +66 620 057 933

Website: [www.lucernapro.com](http://www.lucernapro.com)

## 1. PRODUCT IDENTIFICATION

Product Name: Lucerna BoundGravel - Part B (Hardener)

Use: Mixed with Part A resin to bind gravel for strong, durable driveways and landscaping surfaces

Application Area: Residential driveways, garden paths, commercial walkways

## 2. TECHNICAL DATA

Appearance: Clear to light yellow liquid

Mix Ratio (Part A : B): Typically 100 : 50 by weight

Pot Life (25°C): 20-30 minutes

Full Cure: 5-7 days depending on weather

Surface Ready: Light traffic after 24 hours

Shore Hardness: D80-85

Chemical Resistance: Excellent (oils, water, mild chemicals)

UV Resistance: Moderate (topcoat recommended for exposed areas)

## 3. APPLICATION INSTRUCTIONS

- Ensure gravel is clean and completely dry
- Mix Part A and Part B thoroughly (mechanical stirrer recommended)
- Pour and coat evenly over gravel
- Spread and compact within 20 minutes
- Avoid application during rain or high humidity
- Curing may accelerate in hot climates - mix in small batches

## 4. HEALTH & SAFETY DATA

Signal Word: DANGER

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## Hazards:

- Causes severe skin burns and eye damage
- May cause allergic skin reactions
- Harmful if swallowed or inhaled

## Precautions:

- Wear gloves, safety goggles, and long-sleeved clothing
- Work in well-ventilated areas
- Wash thoroughly after handling
- Keep away from food, drinks, and children

## 5. FIRST AID MEASURES

Skin Contact: Rinse immediately with soap and water

Eye Contact: Flush eyes with water for 15 minutes and seek medical attention

Inhalation: Move to fresh air and get medical attention if symptoms persist

Ingestion: Do not induce vomiting; seek emergency medical help

## 6. STORAGE & DISPOSAL

### Storage:

- Store in original, tightly sealed containers
- Keep away from sunlight and moisture
- Ideal storage temperature: 10-30°C

Shelf Life: 12 months

Disposal: Dispose of contents and container in accordance with local regulations

## 7. TRANSPORT INFORMATION

UN Number: 2735

Shipping Name: Amines, liquid, corrosive, n.o.s.

Hazard Class: 8

Packing Group: III

Transport Label: Corrosive

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### 8. COMPANY CONTACT

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For more information or emergency support, please contact our technical team.